M501

97 —SECTION I— PRODUCT IDENTIFICATION

MATERIAL SAFETY DATA SHEET

MARTIN SENOUR PAINTS® Automotive Finishes

THE MARTIN-SENOUR CO
101 PROSPECT AVE. N W.
CLEVELAND, OH 44115

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INFORMATION TELEPHONE NO (216) 566-2902
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Commercial Coating (Quick Dry Formula) — *6000/N2*

—SECTION II— CAS No	HAZARDOUS INGREDIENT (percent by weight)	ACGIH TLV <STEL>	OSHA PEL <STEL>	Units	Vapor Pressure (mm Hg)	6021 Orange (for A C)	6022 Green (forDeere)	6023 Red Oxide Primer	6025 Gray Primer	6026 Safety Red	6027 Medium Gray	6028 Safety Blue	6029 Maroon
64742 89-8	V M & P Naphtha	300	300 <400>	PPM	12 0	8	6	27	26	6	7	7	12
§ 100 41-4	Ethylbenzene	100 <125>	100 <125>	PPM	7 1	7	7	3	4	8	7	8	7
§ 1330 20 7	Xylene	100 <150>	100 <150>	PPM	5 9	41	42	19	20	43	38	43	39
64742 95 6	Light Aromatic Hydrocarbons	Not Established			3 8						1		
108 67-8	1,3,5 Trimethylbenzene	25	25	PPM	10 0						1		
§ 95 63-6	1,2,4 Trimethylbenzene	25	25	PPM	2 0	1	1			1	2	1	I
64742 94-5	Medium Aromatic Hydrocarbons	Not Established			0 I			3	4				
67 63-0	2-Propanol	400 <500>	400 <500>	PPM	33 0			1					
136 52-7	Cobalt 2-Ethylhexanoate	Not Established				0 1	0 1			0 1	0 1	0 1	0 1
14807 96 6	Talc	2	2	Mg/M3	as Resp Dust			4	4				
471 34-1	Calcium Carbonate	10	15[5]	Mg/M3 [Resp	as Dust Fraction]			11	11				
13463 67-7	Titanium Dioxide	10	10[5]	Mg/M3 [Resp	as Dust Fraction]		1		8	1	9	3	
1333 86-4	Carbon Black	3 5	3 5	Mg/M3							1		
12656 85-8	Molybdate Orange	0 05	0 05	Mg/M3						7			
§	Chromium Compound [% Chromium]									7 [0 8]			
§	Cobalt Compound [% Cobalt]					0 1 [0 02]	0 1 [0 02]			0 1 [0 02]	0 1 [0 02]	0 1 [0 02]	0 1 [0 02]
§	Lead Compound [% Lead]									7 [3 8]			
	Weight per Gallon (lbs)					8 13	8 29	8 73	8 73	8 44	8 56	8 09	7 95
	VOC - Total Volatile Organic Compounds (lbs /gal)					4 88	4 86	4 94	4 88	4 98	4 91	4 94	4 95
	VOC Less Water & Federally Exempt Solvents (lbs /gal)					4 88	4 86	4 94	4 88	4 98	4 91	4 95	4 95
	Photochemically Reactive					Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Flash Point (°F)					56	56	53	53	56	56	56	56
	HMIS (NFPA) Rating (health - flammability reactivity)					2 3 0	2* 3 0	2 3 0	2 3 0	2* 3 0	3 3 0	2 3 0	2 3 0

§ Ingredient subject to the reporting requirements of the Superfund Amendments and Reauthorization Act (SARA) Section 313, 40 CFR 372 65 C

Commercial Coating (Quick Dry Formula) *6000/N*

Section III — PHYSICAL DATA

PRODUCT WEIGHT – see TABLE
SPECIFIC GRAVITY – 0 82-1 08
BOILING RANGE – 163-419 °F
VOLATILE VOLUME – 69-100 %
EVAPORATION RATE – Slower than Ether
VAPOR DENSITY – Heavier than Air
MELTING POINT – N A
SOLUBILITY IN WATER – N A

Section IV — FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION *FLASH POINT* See TABLE *LEL* 0 7 *UEL* 10 7

RED LABEL-- Flammable, Flash below 100 °F

EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS

Keep containers tightly closed Isolate from heat electrical equipment, sparks, and open flame Closed containers may explode when exposed to extreme heat Application to hot surfaces requires special precautions During emergency conditions overexposure to decomposition products may cause a health hazard Symptoms may not be immediately apparent Obtain medical attention

SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus should be used Water spray may be ineffective If water is used fog nozzles are preferable Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat

Section V — HEALTH HAZARD DATA

ROUTES OF EXPOSURE

Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use To minimize exposure follow recommendations for proper use, ventilation, and personal protective equipment

ACUTE Health Hazards

EFFECTS OF OVEREXPOSURE

Irritation of eyes, skin and respiratory system May cause nervous system depression Extreme overexposure may result in unconsciousness and possibly death

Certain colors contain Lead (See TABLE and PRODUCT LABEL) Acute occupational exposure to Lead is uncommon, but results in symptoms similar to chronic overexposure described below

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists

Redness and itching or burning sensation may indicate eye or excessive skin exposure

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

None generally recognized

EMERGENCY AND FIRST AID PROCEDURES

If INHALED	If affected remove from exposure	Restore breathing Keep warm and quiet
If on SKIN	Wash affected area thoroughly with soap and water Remove contaminated clothing and launder before re-use	
If in EYES	Flush eyes with large amounts of water for 15 minutes	Get medical attention
If SWALLOWED	*6040 Reducer* ==>	Never give anything by mouth to an unconscious person DO NOT INDUCE VOMITING Give conscious patient several glasses of water Seek medical attention
	Other Products == >	Get medical attention

CHRONIC Health Hazards

Carbon Black is classified by IARC as possibly carcinogenic to humans (group 2B) based on experimental animal data, however, there is insufficient evidence in humans for its carcinogenicity

Cobalt and cobalt compounds are classified by IARC as possibly carcinogenic to humans (group 2B) based on experimental animal data, however, there is inadequate evidence in humans for its carcinogenicity

Certain Colors contain Lead and/or Chromate (See TABLE and PRODUCT LABEL)

Chronic overexposure to Lead may result in damage to the blood-forming nervous urinary and reproductive systems (including embryotoxic effects) Symptoms include abdominal discomfort or pain constipation loss of appetite metallic taste, nausea, insomnia nervous irritability, weakness, muscle and joint pains headache and dizziness

Chromates are listed by IARC and NTP Although studies have associated exposure to Chromium VI compounds with an increased risk of respiratory cancer, available evidence indicates that Lead Chromate (Chrome Yellow Molybdate Orange) DOES NOT present this hazard

Limited evidence exists linking certain Nickel compounds to cancer in animals and possibly humans, however no direct evidence exists that Nickel Antimony Titanate is carcinogenic

Prolonged overexposure to solvent ingredients in Section II may cause adverse effects to the liver, urinary, blood-forming cardiovascular and reproductive systems

Rats exposed to titanium dioxide dust at 250 mg /m3 developed lung cancer however such exposure levels are not attainable in the workplace

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage

Section VI — REACTIVITY DATA

STABILITY -- Stable
CONDITIONS TO AVOID -- None known
INCOMPATIBILITY

Silvers and Metallics contain Aluminum Contamination with Water, Acids, or Alkalis can cause evolution of hydrogen which may result in dangerously increased pressures in closed containers

HAZARDOUS DECOMPOSITION PRODUCTS

By fire Carbon Dioxide Carbon Monoxide, Oxides of Metals in Section II

HAZARDOUS POLYMERIZATION – Will Not Occur

Section VII — SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition Ventilate and remove with inert absorbent

WASTE DISPOSAL METHOD

Waste from these products may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261 Waste must be tested for ignitability to determine the applicable EPA hazardous waste number Waste from products containing Lead and/or Chromium must also be tested for extractability

Incinerate in approved facility Do not incinerate closed container Dispose of in accordance with Federal, State, and Local regulations regarding pollution

Section VIII — PROTECTION INFORMATION

PRECAUTIONS TO BE TAKEN IN USE

Certain colors contain Lead (See TABLE and PRODUCT LABEL) Before initial use of Lead-containing colors consult OSHA s Standard for Occupational Exposure to Lead (29 CFR 1910 1025)

Use only with adequate ventilation Avoid breathing vapor and spray mist Avoid contact with skin and eyes Wash hands after using

These coatings may contain materials classified as nuisance particulates (listed "as Dust" in Section II) which may be present at hazardous levels only during sanding or abrading of the dried film If no specific dusts are listed in Section II the applicable limits for nuisance dusts are ACGIH TLV 10 mg /m3 (total dust) 3 mg /m3 (respirable fraction), OSHA PEL 15 mg /m3 (total dust) 5 mg /m3(respirable fraction)

VENTILATION

Local exhaust preferable General exhaust acceptable if the exposure to materials in Section II is maintained below applicable exposure limits Refer to OSHA Standards 1910 94, 1910 107, 1910 108

RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section II

When sanding, wirebrushing abrading burning or welding the dried film wear a particulate respirator approved by by NIOSH/MSHA for protection against non-volatile materials in Section II

PROTECTIVE GLOVES

Wear gloves which are recommended by glove supplier for protection against materials in Section II

EYE PROTECTION

Wear safety spectacles with unperforated sideshields

Section IX — PRECAUTIONS

DOL STORAGE CATEGORY – 1B

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Contents are FLAMMABLE Keep away from heat and open flame During use and until all vapors are gone Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves electric tools and appliances, and any other sources of ignition

Consult NFPA Code Use approved Bonding and Grounding procedures

Keep container closed when not in use Transfer only to approved containers with complete and appropriate labeling Do not take internally Keep out of the reach of children

OTHER PRECAUTIONS

Certain colors contain Lead (See TABLE and PRODUCT LABEL) Do not apply Lead-containing colors on toys or other children's articles furniture or any interior surface of a dwelling or facility which may be occupied or used by children Do not apply on any exterior surface of dwelling units, such as window sills, porches stairs or railings to which children may be commonly exposed

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal

Section X — OTHER REGULATORY INFORMATION

CALIFORNIA PROPOSITION 65

WARNING These products contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm

TSCA CERTIFICATION

All chemicals in these products are listed, or are exempt from listing, on the TSCA Inventory

The above information pertains to these products as currently formulated and is based on the information available at this time Addition of reducers or other additives to this products may substantially alter the composition and hazards of the product Since conditions of use are outside our control, we make no warranties, express or implied and assume no liability in connection with any use of this information

covers MSDS pages 6000/N1, 6000/N2, & 6000/N3